



Meeting with CS² Freshmen

Vincent Ng
Director of CS²
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CS²

- started in 2013
- for CS majors only
 - If you change major, you will no longer be part of CS²
- To graduate with CS² honors, you need to
 - satisfy the BS CS graduation requirements AND
 - satisfy the CS² graduation requirements
- If you satisfy the BS CS grad requirements but not the CS² grad requirements, you will get your BS CS degree but not CS² honors

CS^2 Courses and Graduation Requirements

• 1200: Intro to CS and SE	Fall	F23
• 2305: Discrete I	Fall	F23
• 2340: Comp. Architecture	Spring	S24
• 3305: Discrete II	Spring	S24
• 3341: Prob. & Stats	Fall	F24
• 3345: Data Structures	Fall	F24
• 3354: Software Engg.	Spring	Anytime
• 4141: Digital Logic Lab	Spring	Only if you take CS 4331.hon
• 4331: Digital Logic	Spring	<div>Choose at least 4</div> <div>OR 6363: Graduate Algo.</div> <div>OR 6364: Graduate AI</div> <div>OR 6375: Graduate ML</div> <div>May need to be in Fast Track</div>
• 4337: Programming Lang.	Spring	
• 4348: Operating Systems	Fall	
• 4349: Advanced Algo.	Fall	
• 4365: AI	Spring	
• 4375: Machine Learning	Fall	
• 4384: Automata Theory	Spring	

Pre-requisites

- CS 3305 (Discrete Math 2)
 - To be taken in your 2nd semester
 - Pre-reqs: CS/CE 2305 (Discrete I)
MATH 2414 (Integral Cal.)/2419 (Cal. II)
- CS 3345 (Data Structures & Algorithms)
 - To be taken in your 3rd semester
 - Pre-reqs: CS/CE 2305 (Discrete I)
CS 2336/2337 (CS II)

Other Graduation Requirements

- A grade of C+ or above for all 2000- and 3000-level CS² courses and at least four 4000-level CS² courses
- A CS GPA of at least 3.5
- An overall GPA of at least 3.2

Staying in CS²

- Maintain
 - At least 15 hours of coursework per semester (unless you get my approval)
 - An overall GPA of at least 3.2 at the end of each semester
 - A CS GPA of at least 3.5 at the end of each semester
- If you don't meet these requirements but your overall GPA and CS GPA are at least 3.0, you will be **on probation** in the following semester
 - If you still don't meet these requirements by the end of the following semester, you will be out of CS²

Staying in CS²

- If you want to succeed, you need to work hard

Research

- While we do not require you to take any research courses, research is strongly encouraged
 - Join research projects initiated by student organizations
 - ACM Research, AIS Research, ...
 - Approach a professor you have taken a course with or is in your area of interest (including profs outside CS)
 - Can be in the form of CS 4v98
 - Having research experience is a big plus as far as getting admitted to graduate programs is concerned
 - If you need help with identifying a professor, let me know



Study Abroad

- Your choice
- Can consider studying abroad starting your 4th semester

Summer Internships and REUs

- REU (Research Experience for Undergraduates) at UTD or other institutions
- Occur outside CS²
 - ECS Internship and Job Fairs

Social Events

- Happy hour
 - A one to two hour event where CS² students get together and chat
 - Typically once a month on Friday afternoons
- Research talk
 - A professor will come and present their research
 - Chance to interact with our faculty and other students
- CS² Hack
 - hackathon organized by CS² students

CS^2 Lounge

- A room with a couch and some tables and chairs
 - Used exclusively by CS^2 students
- Can rest/talk in the room
- Send me email if you want access to the room